This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original): A process for forming polyolefin drag reducing agents by polymerizing at least one olefin monomer in the presence of at least one catalyst, wherein the improvement comprises:

isomerizing the at least one olefin monomer prior to polymerizing the at least one olefin monomer in the presence of at least one catalyst.

2. (Original): The process of claim 1, wherein the at least one olefin monomer includes at least one alpha olefin monomer.

3. (Currently Amended): The process of claim 2, wherein the at least one alpha olefin monomer ~~comprises homopolymers, terpolymers or copolymers~~ includes at least one of 1-hexene, 1-octene, 1-decene, 1-dodecene, or mixtures thereof.

4. (Currently Amended): The process of claim 2, wherein the at least one alpha olefin monomer ~~comprises co-polymers of 1-hexene and 1-dodecene alpha olefins or co-polymers of 1-octene and 1-tetradodecene alpha olefins~~ includes a combination of 1-hexene and 1-dodecene alpha olefin monomers or a combination of 1-octene and 1-tetradodecene alpha olefin monomers.

5. (Currently Amended): A process for forming a drag reducing agent comprising a

substantially non-crystalline~~, ultra-high molecular weight~~ polyolefin, the process comprising:

isomerizing olefin monomers to form isomerized olefin monomers,

wherein the isomerized olefin monomers are substantially free of branched olefin monomers;

contacting isomerized olefin monomers with a catalyst system in a reactant mixture,

wherein the catalyst system includes at least one catalyst and at least one co-catalyst; and

polymerizing the isomerized olefin monomers at a temperature at about or less than 25°C, wherein during the polymerization, at least a portion of the isomerized olefin monomers polymerize in the reactant mixture to provide a substantially non-crystalline~~, ultra-high molecular weight~~ polyolefin.

6. (Original): The process of claim 5, wherein the olefin monomers are alpha olefin monomers.

7. (Currently Amended): The process of claim 6, wherein the alpha olefin ~~monomers comprise homopolymers, terpolymers or copolymers~~ monomer includes at least one of 1-hexene, 1-octene, 1-decene, 1-dodecene, or mixtures thereof.

8. (Currently Amended): The process of claim 6, wherein the alpha olefin ~~monomers comprise co-polymers of 1-hexene and 1-dodecene alpha olefins or co-polymers of 1-octene and 1-tetradodecene alpha olefins~~ monomer includes a combination of 1-hexene and 1-dodecene alpha

olefin monomers or a combination of 1-octene and 1-tetradodecene alpha olefin monomers.

9. (Original): The process of claim 5, wherein the olefin monomers are polymerized by bulk polymerization.

10. (Original): The process of claim 5, wherein the polymerization of the olefin monomers continues such that polyolefin is present in the reactant mixture at a concentration of at least about 4 weight percent based upon the weight of the reactant mixture, and the polyolefin includes an inherent viscosity of at least about 10 deciliters per gram.

11. (Original): The process of claim 5, wherein the at least one co-catalyst includes an alkylaluminoxane.

12. (Original): The process of claim 11, wherein the alkylaluminoxane is selected from the group consisting of methylaluminoxane and isobutylaluminoxane.

13. (Currently Amended): The process of claim 5, wherein the at least one catalyst includes a ~~the~~ transition metal catalyst.

14. (Original): The process of claim 13, wherein the transition metal catalyst is a non-metallocene transition metal catalyst.

15. (Original): The process of claim 14, wherein the non-metallocene transition metal catalyst includes titanium trichloride.

16. (Original): The process of claim 5, wherein the at least one co-catalyst includes a halohydrocarbon.

17. (Original): The process of claim 16, wherein the halohydrocarbon is a chloride containing halohydrocarbon.

18. (Currently Amended): The ~~drag reducing agent~~ process of claim 17, wherein the chloride containing halohydrocarbon is ethylene dichloride.

19. (Original): The process of claim ~~5~~ 18, wherein the isomerized olefin monomers are polymerized by bulk polymerization.

20. (Original): The process of claim ~~5~~ 18, wherein the polymerization of the olefin monomers continues such that polyolefin is present in the reactant mixture at a concentration of at least about 4 weight percent based upon the weight of the reactant mixture, and the polyolefin includes an inherent viscosity of at least about 10 deciliters per gram.